AUTODOC CLUB

How to change rear brake pads on **AUDI A8 (4D2, 4D8)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI A8 (4D2, 4D8) 3.7, AUDI A8 (4D2, 4D8) 3.7 quattro, AUDI A8 (4D2, 4D8) 2.8, AUDI A8 (4D2, 4D8) 2.8 quattro, AUDI A8 (4D2, 4D8) 2.5 TDI, AUDI A8 (4D2, 4D8) 2.5 TDI quattro, AUDI A8 (4D2, 4D8) 4.2 quattro, AUDI A8 (4D2, 4D8) 3.3 TDI quattro, AUDI A8 (4D2, 4D8) 6.0 W12 quattro

---

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: AUDI A3 Hatchback (8L1) 1.8

REPLACEMENT: BRAKE PADS – AUDI A8 (4D2, 4D8). TOOLS YOU'LL NEED:



- Wire brush
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Torque wrench
- Copper grease
- Anti-squeal paste
- Brake cleaner
- Wheel impact socket #17
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Buy tools

Replacement: brake pads – AUDI A8 (4D2, 4D8). AUTODOC experts recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE PADS – AUDI A8 (4D2, 4D8). TAKE THE FOLLOWING STEPS:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the rear of the car and secure on supports.

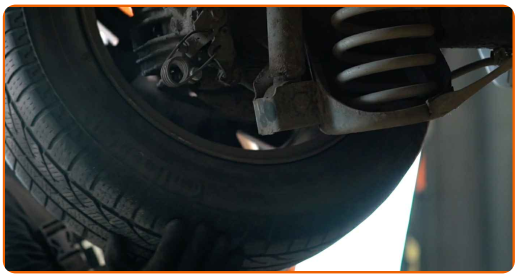
5 Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. AUDI A8 (4D2, 4D8)

6 Remove the wheel.



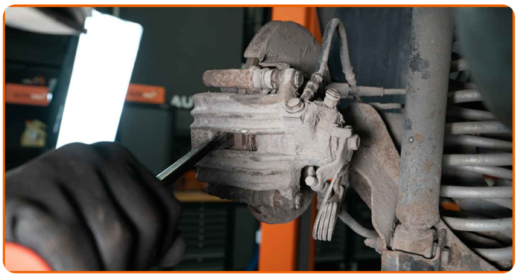
7 Disconnect the ABS sensor electric socket. Disconnect the brake pad wear sensor plug. Remove the ABS sensor connector. Remove the connector of the brake pad wear sensor.

Please note!

- Some cars are not equipped with the brake pad wear sensor.

8

Spread the brake pads. Use a crowbar.



9

Clean the brake caliper fasteners. Use a wire brush. Use a brake cleaner.

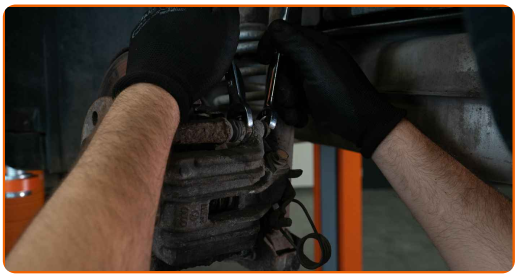


Replacement: brake pads – AUDI A8 (4D2, 4D8). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

10

Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.



11

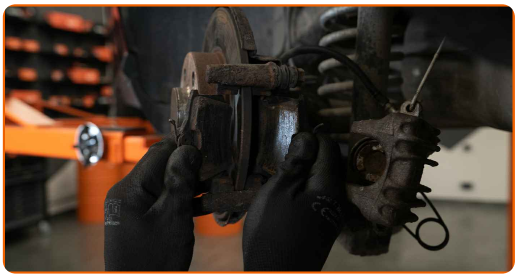
Remove the brake caliper.



Replacement: brake pads – AUDI A8 (4D2, 4D8). AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

12 Remove the brake pads.



Replacement: brake pads – AUDI A8 (4D2, 4D8). AUTODOC experts recommend:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

13 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – AUDI A8 (4D2, 4D8). After applying the spray, wait a few minutes.

14 Press in the brake caliper piston. Use brake caliper wind back tool.



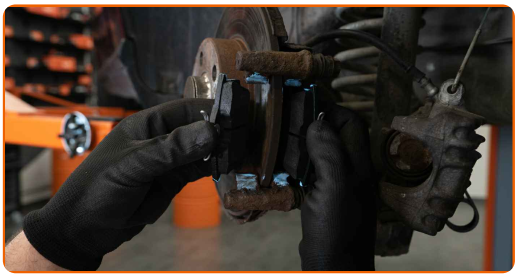
15 Treat the back side of the new brake pads. Treat the brake caliper bracket where it contacts the brake pads. Use anti-squeal paste.



Replacement: brake pads – AUDI A8 (4D2, 4D8). Tip:

- Make sure the disc surface is clean before installing the pads.

16 Install new brake pads.



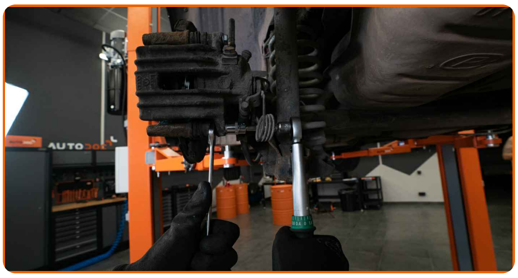
Replacement: brake pads – AUDI A8 (4D2, 4D8). Tip from AUTODOC experts:

- Make sure the pads are installed with linings facing the disc.

17 Install the brake caliper and fix it.



18 Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



AUTODOC recommends:

- AUDI A8 (4D2, 4D8) – Without starting the engine, press the brake pedal several times until it feels firm.

19

Clean the brake disk surface. Use a brake cleaner.

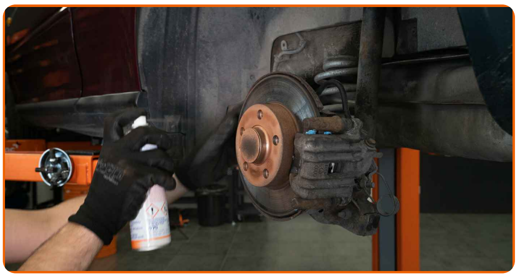


AUTODOC recommends:

- Replacement: brake pads – AUDI A8 (4D2, 4D8). After applying the spray, wait a few minutes.

20

Treat the contacting surface. Use copper grease.



21

Install the wheel.



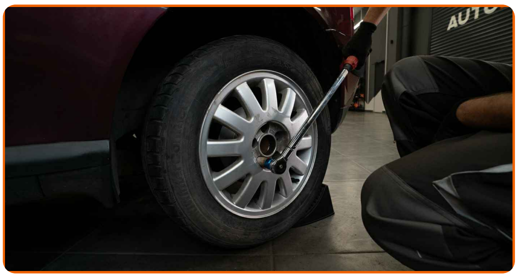
Replacement: brake pads – AUDI A8 (4D2, 4D8). Professionals recommend:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

22 Screw in the wheel bolts. Use wheel impact socket #17.



23 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.



24 Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake pads – AUDI A8 (4D2, 4D8). Check the brake fluid level in the reservoir and top up if necessary.

25 Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake pads – AUDI A8 (4D2, 4D8). Tip from AUTODOC:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

WELL DONE!

VIEW MORE TUTORIALS

AUTODOC — TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

ⓘ DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.